

Public Health Reports

Treasury Department, United States Marine-Hospital Service. Published in accordance with act of Congress approved February 15, 1893.

VOL. XIII. WASHINGTON, D. C., JANUARY 21, 1898. No. 3.

UNITED STATES.

[Reports to the Supervising Surgeon-General United States Marine-Hospital Service.]

Smallpox in Atlanta, Ga.

ATLANTA, GA., *January 17, 1898.*

SIR: In answer to your letter of the 10th instant, "Q. D.," I beg to make you the following statement:

Total cases of smallpox from August 21, 1897 to date.....	272
Released.....	136
Died.....	5
	<hr/> 141
Cases on hand at this writing.....	131

In regard to the disease in Atlanta, will say, that the first case discovered, a negro woman, was traced back to Birmingham, Ala.

Yours, very truly,

THOS. E. VEAL,
Chief Sanitary Department.

One case of smallpox in North Carolina.

RALEIGH, N. C., *January 14, 1898.*

SIR: You are hereby informed that a case of smallpox has been reported to this office as existing in New Hanover County.

The origin of the disease is probably by rail from South Carolina.

Precautions taken: Isolation and vaccination.

RICH. H. LEWIS,
Secretary of State Board of Health.

Smallpox in the United States as reported to the Supervising Surgeon-General United States Marine-Hospital Service, January 1 to January 21, 1898.

Places.	Date.	Cases.	Deaths.	Remarks.
Alabama:				
Bessemer.....	To Jan. 6.....	42		
Birmingham.....	Jan. 6-Jan. 8....	11		
Dolomite.....	Dec. 1-Jan. 17....	21		
Oxmar.....	Jan. 19.....			Smallpox reported.
Talladega.....	Jan. 15.....			Do.
Georgia:				
Atlanta.....	Jan. 17.....	131		
New York:				
Deposit.....	Nov. 1-Nov. 30...	1		
North Carolina:				
Wilmington.....	Jan. 12.....	1		
South Carolina:				
Swansea.....	Jan. 15.....			Do.

Report of immigration at Boston for the week ended January 15, 1898.

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
Port of Boston, January 15, 1898.

*Number of alien immigrants who arrived at this port during the week ended January 15, 1898;
also names of vessels and ports from which they arrived.*

Date.	Vessel.	Where from.	No. of immigrants.
Jan. 11	Steamship Beverly.....	Port Antonio, Jamaica.....	9
Do....	Steamship Pavonia.....	Liverpool, England.....	30
Jan. 13	Steamship Scandinavian.....	Glasgow, Scotland.....	1
Jan. 14	Steamship Cestrian.....	Liverpool, England.....	11
Jan. 15	Steamship Kansas.....	do.....	4
Do....	Steamship Columbian.....	London, England.....	5
	Total.....		60

GEORGE B. BILLINGS,
Commissioner.

*Report of immigration at New York for the week ended January 15, 1898.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
*Port of New York, January 17, 1898.**Number of alien immigrants who arrived at this port during the week ended January 15, 1898;
also names of vessels and ports from which they arrived.*

Date.	Vessel.	Where from.	No. of immigrants.
Jan. 9	Steamship New York	Southampton.....	33
Jan. 10	Steamship Umbria	Liverpool and Queenstown.....	73
Do....	Steamship Karlsruhe	Bremen.....	256
Do....	Steamship La Gascogne.....	Havre.....	112
Jan. 11	Steamship Furnessia	Glasgow	29
Do....	Steamship Peruvian.....	.....do.....	1
Jan. 13	Steamship Berlin.....	Antwerp.....	64
Do....	Steamship Peninsular.....	Lisbon and The Azores	13
Do....	Steamship California.....	Naples.....	235
Jan. 14	Steamship Lahn	Bremen.....	54
Do....	Steamship Pennsylvania.....	Hamburg.....	76
Do....	Steamship Werkendam	Amsterdam and Boulogne.....	203
Jan. 15	Steamship Britannic.....	Liverpool and Queenstown.....	49
Do....	Steamship St. Paul.....	Southampton	57
Do....	Steamship Gera.....	Bremen.....	252
Do....	Steamship Christiania.....	Hamburg.....	67
Total.....			1,574

EDW. F. MCSWEENEY,
Commissioner.

Report of rejected immigrants at the port of New York.

U. S. IMMIGRATION SERVICE, MEDICAL DIVISION,
New York, January 7, 1898.

Report of the number of immigrants examined by the medical examiners at the port of New York during the month of December, 1897, and rejected as suffering from a loathsome or dangerous contagious disease.

Date of certificate.	Name.	Years of age.	Native.	Ship.	Diagnosis.
Dec. 7.....	Solomon Friedman...	18	Russia.....	St. Paul	Favus.
Dec. 9.....	Isaac Perlstein.....	12	do.....	Gera.....	Do.
Do.....	Herz Perlstein.....	6	do.....	do.....	Do.
Do.....	Giuseppa Capsea.....	4	Italy.....	Patria.....	Do.
Do.....	Francesca Capsea.....	1	do.....	do.....	Do.
Do.....	Leonidina D'Amara...	12	do.....	Trojan Prince.....	Do.
Do.....	Anina D'Amara	10	do.....	do.....	Do.
Do.....	Jacob Udler.....	14	Russia.....	do.....	Do.
Dec. 10.....	Abram Fijaker.....	9	Austria.....	Werkendam	Do.
Do.....	Srul Fijaker.....	5	do.....	do.....	Do.
Dec. 11.....	Etki Najhaus.....	10	Russia.....	Spaarndam.....	Do.
Do.....	Frieda Van.....	7	Austria.....	Trojan Prince.....	Do.
Dec. 13.....	Golde Goncharowska...	7	Russia.....	Spaarndam.....	Do.
Dec. 15.....	Andras Vdofka.....	40	Austria.....	Persia.....	Trachoma.
Dec. 18.....	Salim Azar.....	20	Syria.....	Aragonia.....	Do.
Dec. 19.....	Magdalena Lupo.....	7	Italy.....	Kaiser Wm. II.....	Favus.
Do.....	Rosa Lupo.....	6	do.....	do.....	Do.
Do.....	Augustina Lupo.....	3	do.....	do.....	Do.
Do.....	Carmela Bertirolo...	4	do.....	Alesia.....	Do.
Do.....	Domenico Bertirolo...	4	do.....	do.....	Do.
Dec. 22.....	Nakhina Bazoun.....	3	Syria.....	Aragonia.....	Do.
Do.....	Josef Grutzhandler...	4	Russia.....	Edam.....	Do.
Do.....	Helena Grutzhandler...	3	do.....	do.....	Do.
Do.....	Jacob Grutzhandler...	2	do.....	do.....	Do.
Dec. 26.....	Femeh Hanna.....	6	Syria.....	Rotterdam.....	Do.

a Months.

Number of steerage passengers examined during December..... 11,832
Rejected as suffering from loathsome or dangerous contagious diseases
and placed in hospital pending action of Commissioner of Immigration..... 25

Respectfully submitted,

GEO. W. STONER,
Surgeon, U. S. M. H. S.

Under date of January 13, Dr. Stoner further reports that of the 25 immigrants rejected 12 were deported ; 12 are held in hospital under treatment (expense borne by parents), and 1 held in hospital by order of United States court.

QUARANTINE REPORTS.

National quarantine and inspection stations

[Vessels named only when detained or given treatment at quarantine.]

Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
Alexandria, Va.	Jan. 15							No transactions.	3
Brunswick, Ga.	Jan. 8								7
Do.	Jan. 15	Port. bk. Servia	Jan. 12	Rio	Brunswick	Held for discharge of ballast.			1
Cape Fear, N. C.	do.								6
Delaware Breakwater Quarantine, Del.	do.								
Eureka, Cal.	Jan. 5							No transactions.	
Grays Harbor, Wash.	Jan. 12							do	
Gulf Quarantine, Ship Island, Miss.	Jan. 8	Nor. bk. Benj. Bangs. (a)	Dec. 19	Kingston	Mobile	Disinfected twice and held.	Jan. 6	8 cases yellow fever in quarantine; 4 others in Kingston and on voyage; 1 case retained in quarantine for further treatment after departure of bark.	
Newbern, N. C.	Jan. 15							No transactions.	3
Port Townsend, Wash.	Jan. 8							10 steerage passengers from the Japanese steamship Matsuyama Maru bathed and their clothing and baggage disinfected.	
Reedy Island Quarantine, Del.	Jan. 15							All vessels arriving after Jan. 12 inspected by Dr. Irwin, at Philadelphia (6 in number) on account of ice in river.	5
San Diego, Cal.	Jan. 8							2 boarded and passed.	1
South Atlantic Quarantine, Blackbeard Island, Ga.	Jan. 8							No transactions.	
Tortugas Quarantine, Key West, Fla.	do.								
Washington, N. C.	Jan. 15	Nor. bk. Ragna (a)	Dec. 24	Para.	Apalachicola	Disinfected and held for observation.			1

a Previously reported.

QUARANTINE REPORTS—Continued.

State and municipal quarantine stations.

[Vessels named only when detained or given treatment at quarantine.]

Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
Anclote, Fla.	.....	.....	.....	.....	.....	.....	.....	No report.....	.....
Apalachicola, Fla.	.....	.....	.....	.....	.....	.....	.....	.....do.....	.....
Bamper, Me.	.....	.....	.....	.....	.....	.....	.....	.....do.....	.....
Boston, Mass.	Jan. 15	.....	.....	.....	.....	.....	.....	.....do.....	10
Carrabelle, Fla.	Jan. 9	.....	.....	.....	.....	.....	.....	.....do.....	3
Cedar Key, Fla.	.....	.....	.....	.....	.....	.....	.....	No report.....	6
Charleston, S. C.	Jan. 15	.....	.....	.....	.....	.....	.....	No report.....	2
Charleston Harbor	.....	.....	.....	.....	.....	.....	.....	No report.....	.....
Elizabeth River, Va.	Jan. 15	.....	.....	.....	.....	.....	.....	No report.....	.....
Galveston, Tex.	.....	.....	.....	.....	.....	.....	.....	No report.....	.....
Gardiner, Oreg.	.....	.....	.....	.....	.....	.....	.....	No report.....	.....
Georgetown, S. C.	.....	.....	.....	.....	.....	.....	.....	.....do.....	.....
Gloster, Mass.	.....	.....	.....	.....	.....	.....	.....	.....do.....	.....
Key West, Monroe Co. Fla.	Jan. 15	.....	.....	.....	.....	.....	.....	.....do.....	7
Mayport, Fla.	.....	.....	.....	.....	.....	.....	.....	No report.....	.....
Mobile Bay, Ala.	.....	.....	.....	.....	.....	.....	.....	.....do.....	.....
New Bedford, Mass.	.....	.....	.....	.....	.....	.....	.....	.....do.....	.....
New Orleans, La.	.....	.....	.....	.....	.....	.....	.....	.....do.....	.....
Newport News, Va.	Jan. 15	.....	.....	.....	.....	.....	.....	No report.....	8
Newport, R. I.	.....	.....	.....	.....	.....	.....	.....	.....do.....	.....
New York, N. Y.	.....	.....	.....	.....	.....	.....	.....	.....do.....	.....
Port Royal, S. C.	.....	.....	.....	.....	.....	.....	.....	No transactions.....	.....
Port Providence, R. I.	Jan. 15	.....	.....	.....	.....	.....	.....	No report.....	.....
St. Helena Entrance, Fla.	.....	.....	.....	.....	.....	.....	.....	No report.....	4
Savannah, Ga.	Jan. 15	Ger. bk. Germania, a Swed. bk. Olago.. Br. bk. Launcefield. Ger. bk. Gotha.....	Dec. 31 Jan. 9 Jan. 10 Jan. 13	Rio..... .....do..... .....do..... Para.....	Savannah..... .....do..... .....do..... .....do.....	Ballast discharged and vessel fumigated. .....do..... .....do..... Discharged ballast.....	Jan. 9 Jan. 14 .....	..... ..... 6 cases and 1 death from yellow fever at Rio; 1 case malarial fever on voyage. No report.....	.....
Tampa Bay, Fla.	.....	.....	.....	.....	.....	.....	.....	.....	.....

a Previously reported.

Reports of States and yearly and monthly reports of cities.

CALIFORNIA—*Los Angeles*.—Month of December, 1897. Estimated population, 103,000. Total deaths, 153, including phthisis pulmonalis, 32; enteric fever, 4, and diphtheria, 7.

Sacramento.—Month of December, 1897. Estimated population, 30,000. Total deaths, 44, including phthisis pulmonalis, 11; enteric fever, 1, and diphtheria, 1.

CONNECTICUT.—Month of December, 1897. Reports to the State board of health from 168 towns, having an aggregate population of 883,192, show a total of 1,087 deaths, including phthisis pulmonalis, 134; enteric fever, 12; scarlet fever, 3; diphtheria and croup, 40; measles, 3, and whooping cough, 9.

ILLINOIS—*Chicago*.—Month of December, 1897. Estimated population, 1,750,000. Total deaths, 1,790, including phthisis pulmonalis, 168; enteric fever, 35; scarlet fever, 6; diphtheria, 73; measles, 1, and whooping cough, 7.

MARYLAND—*Baltimore*.—Month of December, 1897. Estimated population, white, 431,054; colored, 75,344; total, 506,398. Deaths, white, 543; colored, 161; total, 704, including phthisis pulmonalis, 78; enteric fever, 17; scarlet fever, 3; diphtheria, 42; croup, 4; measles, 1, and whooping cough, 6.

Cumberland.—Month of December, 1897. Estimated population, 12,729. Total deaths, 14, including 1 from phthisis pulmonalis.

MASSACHUSETTS—*Worcester*.—Month of December, 1897. Estimated population, 103,086. Total deaths, 138, including phthisis pulmonalis, 17; enteric fever, 2; diphtheria, 8, and whooping cough, 1.

MICHIGAN.—Month of December, 1897. Reports to the secretary of State of Michigan from 76 cities and surrounding country having an aggregate population of 2,091,559, show a total of 2,105 deaths, including phthisis pulmonalis, 204; enteric fever, 39; scarlet fever, 11; diphtheria, 49; croup, 24; measles, 6, and whooping cough, 6.

Week ended January 8, 1898. Reports to the State board of health, Lansing, from 54 observers indicate that inflammation of kidney, influenza, intermittent fever, pleuritis, neuralgia, and measles increased, and diarrhea decreased in area of prevalence. Phthisis pulmonalis was reported present during the week at 150, diphtheria at 38, scarlet fever at 38, enteric fever at 36, measles at 34, and whooping cough at 15 places.

MINNESOTA—*Minneapolis*.—Month of December, 1897. Estimated population, 192,833. Total deaths, 179, including phthisis pulmonalis, 15; enteric fever, 8; scarlet fever, 2, and diphtheria, 2.

MISSOURI—*St. Louis*.—Month of December, 1897. Estimated population, 600,000. Total deaths, 840, including phthisis pulmonalis, 107; enteric fever, 5; scarlet fever, 3; diphtheria, 31; croup, 11, and whooping cough, 1.

NEW HAMPSHIRE—*Manchester*.—Month of December, 1897. Estimated population, 60,000. Total deaths, 86, including phthisis pulmonalis, 6; enteric fever, 1; diphtheria, 3, and croup, 1.

NEW YORK—*Buffalo*.—Month of December, 1897. Estimated population, 360,000. Total deaths, 315, including phthisis pulmonalis, 31; enteric fever, 6; diphtheria, 18, and whooping cough, 2.

OHIO—*Cleveland*.—Month of December, 1897. Estimated population, 350,000. Total deaths, 432, including phthisis pulmonalis, 36; enteric fever, 5; scarlet fever, 3; diphtheria, 15, and measles, 1.

Columbus.—Month of December, 1897. Estimated population, 135,000. Total deaths, 129, including phthisis pulmonalis, 14; enteric fever, 6; scarlet fever, 1; diphtheria, 2, and whooping cough, 1.

RHODE ISLAND—*Newport*.—Month of December, 1897. Estimated population, 21,500. Total deaths, 29, including phthisis pulmonalis, 6, and enteric fever, 1.

TENNESSEE—*Memphis*.—Month of December, 1897. Estimated population, white, 28,573; colored, 27,561; total, 56,134. Deaths, white, 54; colored, 46; total, 100, including phthisis pulmonalis, 9; enteric fever, 4, and croup, 1.

Nashville.—Month of December, 1897. Estimated population, white, 54,595; colored, 33,159; total, 87,754. Deaths, white, 79; colored, 39; total, 118, including phthisis pulmonalis, 18, enteric fever, 3, and diphtheria, 1.

WASHINGTON—*Seattle*.—Month of December, 1897. Estimated population, 60,000. Total deaths, 29, including phthisis pulmonalis, 2, and enteric fever, 1.

WISCONSIN—*Milwaukee*.—Month of December, 1897. Estimated population, 275,000. Total deaths, 304, including phthisis pulmonalis, 34; enteric fever, 2; diphtheria, 13; croup, 2, and whooping cough, 4.

MORTALITY TABLE, CITIES OF THE UNITED STATES.

Cities.	Week ended.	Population, U. S. Census of 1890.	Total deaths from all causes.	Deaths from—									
				Phthisis pulmonalis.	Yellow fever.	Smallpox.	Varioloid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.
Allegheny, Pa.	Jan. 15.	105,287	33	2						1		1	
Ashland, Ohio.	do.	8,338	4										
Baltimore, Md.	do.	434,439	180	20						2	1	10	1
Bennington, Vt.	do.	6,391	2	1									
Binghamton, N. Y.	do.	35,065	19	1									1
Boston, Mass.	do.	448,477	223	18						1		10	
Braddock, Pa.	Dec. 11.	8,561	0										
Do.	Dec. 18.	8,561	2										
Do.	Dec. 25.	8,561	1										
Do.	Jan. 1.	8,561	1						1				
Brockton, Mass.	Jan. 8.	27,294	9										
Butler, Pa.	do.	8,734	4										
Do.	Jan. 15.	8,734	4									1	
Cambridge, Mass.	do.	70,028	34	2								2	
Carlisle, Pa.	do.	7,620	5	1									
Charleston, S. C.	Jan. 1.	a 54,955	b 50	7						2			
Do.	Jan. 8.	a 54,955	c 31	6						1			
Chicago, Ill.	do.	1,099,850	429	54						10	1	10	4
Cincinnati, Ohio.	Jan. 14.	296,908	119	9						4		2	
Cleveland, Ohio.	Jan. 15.	261,333	78	1						2		4	
Columbus, Ind.	do.	6,719	2	1									
Columbus, Ohio.	Jan. 8.	88,150	23	5								1	
Concord, N. H.	Jan. 15.	17,044	4										
Dayton, Ohio.	Jan. 14.	61,220	31	2								1	
Dedham, Mass.	Jan. 1.	7,123	0										
Do.	Jan. 8.	7,123	2	1									
Denver, Colo.	Dec. 25.	106,713	54	21							1	1	
Do.	Jan. 1.	106,713	46	10									
Do.	Jan. 8.	106,713	41	10							1		
Detroit, Mich.	Jan. 15.	205,876	83	8								3	
Dunkirk, N. Y.	Jan. 8.	9,416	2										
Erie, Pa.	Jan. 15.	40,634	10	4									
Everett, Mass.	Jan. 8.	11,068	4										
Fitchburg, Mass.	do.	22,037	9	2									
Flint, Mich.	Jan. 15.	9,803	3										
Grand Rapids, Mich.	do.	60,278	17	2									
Green Bay, Wis.	Jan. 8.	9,069	7									2	
Haverhill, Mass.	Jan. 15.	27,412	12	5									
Hoboken, N. J.	do.	43,648	18	1									
Ironton, N. J.	do.	10,939	4										
Jacksonville, Fla.	Jan. 8.	17,201	8										
Johnstown, Pa.	Jan. 15.	21,805	8	1									
Kalamazoo, Mich.	do.	17,853	8										
Lawrence, Mass.	Jan. 8.	44,654	27							1		1	
Lowell, Mass.	Jan. 15.	77,696	29	4								1	
Lynchburg, Va.	do.	19,709	7	1									
McKeesport, Pa.	Jan. 8.	20,741	8										
Do.	Jan. 15.	20,741	13										
Manchester, N. H.	do.	44,126	20	1								1	
Massillon, Ohio.	Jan. 8.	10,092	1										
Do.	Jan. 15.	10,092	0										
Medford, Mass.	do.	11,079	1										
Melrose, Mass.	Jan. 8.	8,519	3										
Memphis, Tenn.	do.	64,495	31	4									1
Do.	Jan. 15.	64,495	33	4									
Michigan, Ind.	do.	10,776	2										
Minneapolis, Minn.	Jan. 8.	164,738	46	7						1			
Nashville, Tenn.	Jan. 15.	76,168		4						1			
New Bedford, Mass.	do.	40,733	24	3								2	
Newburyport, Mass.	Jan. 8.	13,947	4										
New Orleans, La.	do.	242,039	156	16	1					2		2	
Newport, R. I.	Jan. 15.	19,457	8										
New York, N. Y.	do.	1,515,301	714	72						3	17	15	16
Norristown, Pa.	Jan. 8.	19,791	7										
Do.	Jan. 15.	19,791	8										
North Adams, Mass.	do.	16,074	7										
Omaha, Neb.	Jan. 1.	140,452	18										
Oneonta, N. Y.	Jan. 15.	6,272	2									1	
Palmer, Mass.	do.	6,520	0										
Philadelphia, Pa.	do.	1,046,964	489	50						17	2	24	5
Pittsburg, Pa.	Jan. 8.	238,617	100	6						7		2	5

a Estimated population, white, 28,870; colored, 36,295. Total, 65,165. b White, 13; colored, 37; c white, 10; colored, 21.

MORTALITY TABLE, CITIES OF THE UNITED STATES—Continued.

Cities.	Week ended.	Population, U. S. Census of 1890.	Total deaths from all causes.	Deaths from—									
				Phthisis pul- monalis.	Yellow fever.	Smallpox.	Variceloid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles. Whooping cough.
Plainfield, N. J.....	Jan. 15....	11,267	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Portage, Wis.....	Jan. 8....	5,143	2	.....	.....	.....	.....	.....	.....	1	.....	1	.....
Portland, Me.....	Jan. 15....	36,425	16	1	.....	.....	.....	.....	.....	.....	.....	2	.....
Poughkeepsie, N. Y.....	Jan. 8....	22,206	7	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
Providence, R. I.....	Jan. 15....	132,146	56	2	.....	.....	.....	.....	.....	2	1	2	.....
Pueblo, Colo.....	Jan. 8....	24,558	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Reading, Pa.....	Jan. 17....	58,661	28	4	.....	.....	.....	.....	.....	.....	.....	1	1
St. Louis, Mo.....	Jan. 2....	451,770	185	20	.....	.....	.....	.....	.....	1	.....	4	1
Do.....	Jan. 9....	451,770	179	18	.....	.....	.....	.....	.....	4	1	3	.....
Salt Lake City, Utah...	Jan. 8....	44,843	13	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
San Diego, Cal.....	Jan. 10....	16,159	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Santa Barbara, Cal.....	Jan. 8....	5,864	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sault Ste. Marie, Mich.....	.....do....	5,760	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Scranton, Pa.....	Jan. 15....	75,215	18	.....	.....	.....	.....	.....	.....	.....	.....	2	.....
Seattle, Wash.....	Jan. 8....	42,837	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Shreveport, La.....	.....do....	11,979	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Spokane, Wash.....	.....do....	19,922	6	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Springfield, Ill.....	Jan. 10....	24,903	12	6	.....	.....	.....	.....	.....	.....	.....	.....	.....
Taunton, Mass.....	Jan. 8....	25,448	17	1	.....	.....	.....	.....	.....	.....	1	.....	.....
Do.....	Jan. 15....	25,448	10	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Urbana, Ohio.....	.....do....	6,510	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Utica, N. Y.....	Jan. 8....	44,007	20	2	.....	.....	.....	.....	.....	.....	.....	1	.....
Waltham, Mass.....	Jan. 15....	18,707	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Warren, Ohio.....	.....do....	5,973	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Washington, D. C.....	Jan. 8....	230,392	98	9	.....	.....	.....	.....	.....	3	.....	4	.....
Wilmington, Del.....	Jan. 15....	61,431	24	.....	.....	.....	.....	.....	.....	.....	.....	3	.....
Winona, Minn.....	Jan. 8....	18,208	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Worcester, Mass.....	Jan. 7....	84,655	31	3	.....	.....	.....	.....	.....	1	.....	.....	.....
Do.....	Jan. 14....	84,655	39	3	.....	.....	.....	.....	.....	.....	.....	.....	.....
Yonkers, N. Y.....	Jan. 7....	32,033	10	4	.....	.....	.....	.....	.....	.....	.....	1	.....
Do.....	Jan. 14....	32,033	14	.....	.....	.....	.....	.....	.....	.....	1	.....	1

Table of temperature and rainfall, week ended January 10, 1898.

[Received from Department of Agriculture, Weather Bureau.]

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	Excess.	Deficiency.	Normal.	Excess.	Deficiency.
Atlantic Coast:						
Eastport, Me.....	21	0		.86	.48	
Portland, Me.....	23	1		.77	.13	
Northfield, Vt.....	15	2		.77		.61
Boston, Mass.....	28	4		.89		.68
Vineyard Haven, Mass.....	33	2		.70		.32
Nantucket, Mass.....	32	2		.90		.75
Woods Hole, Mass.....	32	1		.84		.67
Block Island, R. I.....	32	3		.91		.04
New Haven, Conn.....	28	3		.98		.32
Albany, N. Y.....	24	2		.63		.51
New York, N. Y.....	31	4		.89		.59
Harrisburg, Pa.....	30	4		.82		.31
Philadelphia, Pa.....	32	6		.77		.11
New Brunswick, N. J.....	30	3		1.13		.79
Atlantic City, N. J.....	33	5		.89		.18
Baltimore, Md.....	33	5		.75		.27
Washington, D. C.....	32	6		.77	.14	
Lynchburg, Va.....	36	5		.84		.79
Cape Henry, Va.....	39	4		.96		.96
Norfolk, Va.....	40	4		.84		.82
Charlotte, N. C.....	40	8		1.12		.97
Raleigh, N. C.....	41	7		.77		.70
Kittyhawk, N. C.....	42	3		1.16		.46
Hatteras, N. C.....	45	1		1.33		1.01
Wilmington, N. C.....	46	6		.85		.85
Columbia, S. C.....	45	6		.84		.79
Charleston, S. C.....	49	6		.91		.91
Augusta, Ga.....	45	7		.96		.93
Savannah, Ga.....	50	7		.70		.68
Jacksonville, Fla.....	54	4		.70		.70
Jupiter, Fla.....	64		4	.77		.64
Key West Fla.....	69		5	.48		.48
Gulf States:						
Atlanta, Ga.....	41	12		1.29		1.15
Tampa, Fla.....	58	0		.56		.56
Pensacola, Fla.....	53	6		1.01		.89
Mobile, Ala.....	50	9		1.13		.99
Montgomery, Ala.....	47	7		1.19		.90
Vicksburg, Miss.....	46	16		1.22		.64
New Orleans, La.....	53	10		1.12		.88
Shreveport, La.....	44	17		1.05		.11
Fort Smith, Ark.....	35	15		.52		.46
Little Rock, Ark.....	41	10		1.03	.72	
Palestine, Tex.....	46	17		.96		.24
Galveston, Tex.....	52	11		.84		.77
San Antonio, Tex.....	50	14		.38		.37
Corpus Christi, Tex.....	59	7		.56		.55
Ohio Valley and Tennessee:						
Memphis, Tenn.....	38	16		1.23		.22
Nashville, Tenn.....	36	14		1.06		.66
Chattanooga, Tenn.....	41	7		1.42		.99
Knoxville, Tenn.....	36	10		1.18		.75
Louisville, Ky.....	32	9		.84	1.07	
Indianapolis, Ind.....	26	8		.66	.60	
Cincinnati, Ohio.....	31	7		.77	1.45	
Columbus, Ohio.....	28	5		.70	.37	
Parkersburg, W. Va.....	33	3		.70	1.04	
Pittsburg, Pa.....	30	6		.70		.11
Lake Region:						
Oswego, N. Y.....	24	4		.70		.37
Rochester, N. Y.....	24	7		.70		.58
Buffalo, N. Y.....	24	8		.70		.56
Erie, Pa.....	27	6		.73		.70
Cleveland, Ohio.....	26	8		.56		.52
Sandusky, Ohio.....	26	8		.49		.46
Toledo, Ohio.....	25	7		.49		.42
Detroit, Mich.....	24	7		.43		.43
Lansing, Mich.....	23	7		.42		.41
Port Huron, Mich.....	22	9		.46		.46
Alpena, Mich.....	18	11		.56		.55
Sault Ste. Marie, Mich.....	13	11		.42	.03	
Marquette, Mich.....	16	11		.49		.47

a The figures in these columns represent the average daily departure.

Table of temperature and rainfall, week ended January 10, 1898—Continued.

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	a Excess.	a Deficiency.	Normal.	Excess.	Deficiency.
Lake Region—Continued.						
Green Bay, Wis.....	13	14	.....	.56	.....	.56
Grand Haven, Mich.....	24	8	.....	.63	.....	.63
Milwaukee, Wis.....	19	12	.....	.49	.....	.49
Chicago, Ill.....	22	11	.....	.49	.....	.38
Duluth, Wis.....	12	14	.....	.28	.....	.28
Upper Mississippi Valley:						
St. Paul, Minn.....	10	19	.....	.22	.....	.22
La Crosse, Wis.....	13	15	.....	.29	.....	.29
Dubuque, Iowa.....	16	13	.....	.42	.....	.42
Davenport, Iowa.....	19	13	.....	.42	.....	.42
Des Moines, Iowa.....	17	15	.....	.35	.....	.35
Keokuk, Iowa.....	22	15	.....	.41	.....	.33
Springfield, Ill.....	25	11	.....	.63	.....
Cairo, Ill.....	33	14	.....	.83	.07	
St. Louis, Mo.....	28	13	.....	.43	.41	
Missouri Valley:						
Columbia, Mo.....	31	8	.....	.42	.24	
Springfield, Mo.....	33	10	.....	.50	.....	.44
Kansas City, Mo.....	24	17	.....	.28	.....	.28
Wichita, Kans.....	31	11	.....	.21	.....	.21
Concordia, Kans.....	21	20	.....	.14	.....	.14
Lincoln, Nebr.....	20	18	.....	.14	.....	.14
Omaha, Nebr.....	19	16	.....	.18	.....	.18
Sioux City, Iowa.....	16	14	.....	.21	.....	.21
Yankton, S. Dak.....	13	21	.....	.12	.....	.12
Valentine, Nebr.....	12	22	.....	.12	.....	.14
Huron, S. Dak.....	8	20	.....	.12	.....	.12
Pierre, S. Dak.....	12	21	.....	.14	.....	.14
Moorhead, Minn.....	1	21	.....	.14	.....	.14
Bismarck, N. Dak.....	4	22	.....	.14	.....	.14
Williston, N. Dak.....	3	21	.....	.14	.....	.14
Rocky Mountain Region:						
Havre, Mont.....	12	10	.....	.21	.....	.19
Helena, Mont.....	16	8	.....	.28	.....	.10
Miles City, Mont.....	11	17	.....	.11	.....	.06
Rapid City, S. Dak.....	19	16	.....	.07	.08	
Spokane, Wash.....	24	2	.....	.59	.....	.34
Walla Walla, Wash.....	26	6	.....	.59	.44	
Baker City, Oreg.....	21	6	.....	.35	.01	
Winnemucca, Nev.....	26	.....	1	.28	.04	
Salt Lake City, Utah.....	28	2	.....	.35	.....	.13
Lander, Wyo.....	16	9	.....	.19	.....	.06
Cheyenne, Wyo.....	26	11	.....	.07	.....	.07
North Platte, Nebr.....	20	19	.....	.14	.....	.14
Denver, Colo.....	27	12	.....	.14	.....	.14
Pueblo, Colo.....	29	9	.....	.13	.....	.13
Dodge City, Kans.....	25	17	.....	.10	.....	.10
Oklahoma, Okla.....	28	21	.....	.49	.....	.49
Amarillo, Tex.....	35	9	.....	.03	.....	.03
Abilene, Tex.....	43	13	.....	.25	.....	.25
Santa Fe, N. Mex.....	27	8	.....	.14	.....	.12
El Paso, Tex.....	44	6	.....	.14	.....	.14
Phoenix, Ariz.....	48	6	.....	.09	.....	.01
Pacific Coast:						
Fort Canby, Wash.....	41	0	.....	2 10	.....	.89
Portland, Oreg.....	39	0	.....	1.67	.....	1.06
Roseburg, Oreg.....	40	2	.....	1.45	.....	1.06
Eureka, Cal.....	47	.....	.....	1.98	.....
Redbluff, Cal.....	44	1	.....	1.12	.....	.93
Carson City, Nev.....	30	0	.....	.62	.....	.38
Sacramento, Cal.....	44	0	.....	.91	.....	.25
San Francisco, Cal.....	50	.....	2	1.12	.....	.79
Fresno, Cal.....	42	3	.....	.33	.....	.11
Los Angeles, Cal.....	52	1	.....	.68	.08	
San Diego, Cal.....	54	2	.....	.42	.09	
Yuma, Ariz.....	53	3	.....	.08	.....	.03

a The figures in these columns represent the average daily departure.

FOREIGN.

[Reports received from United States consuls through the Department of State and from other sources.]

Cholera, yellow fever, plague, and smallpox as reported to the Supervising Surgeon-General United States Marine-Hospital Service, January 1 to January 21, 1898.

CHOLERA.

Places.	Date.	Cases.	Deaths.	Remarks.
India:				
Bombay	Nov. 24-Nov. 30.....		4	
	Dec. 1-Dec. 21.....		13	
Calcutta.....	Nov. 14-Dec. 4.....		42	
	Dec. 5-Dec. 11.....		9	
Madras.....	Nov. 20-Dec. 10.....		8	
	Dec. 4-Dec. 10.....		5	
Singapore.....	Nov. 1-Nov. 30.....		1	

YELLOW FEVER.

Brazil:				
Bahia.....	Dec. 27.....	3	2	Taken off of Nor. bk. Adonis.
	Dec. 29.....	6		
Ceara.....	Nov. 1-Nov. 30.....		1	
Para.....	Dec. 12-Jan. 1.....		24	
Rio de Janeiro.....	Nov. 21-Dec. 4.....	1		
	Dec. 5-Dec. 11.....	1		
Cuba:				
Cienfuegos.....	Dec. 20-Jan. 2.....		2	
Habana.....	Dec. 17-Dec. 30.....		6	
	Dec. 31-Jan. 13.....		5	
Manzanillo.....	Dec. 1-Dec. 31.....		28	
Matanzas.....	Dec. 15-Jan. 5.....		1	
Regla.....	Dec. 31-Jan. 13.....		2	
Sagua la Grande.....	Dec. 18-Jan. 1.....			Yellow fever prevalling, but impossible to obtain statistics.
Santiago de Cuba.....	Dec. 19-Jan. 8.....		3	
Jamaica:				
Kingston.....	Dec. 19-Jan. 1.....	1	1	
St. Andrew.....	Dec. 19-Jan. 1.....	1		
St. Catherine.....	Dec. 19-Jan. 1.....	1		
St. Elizabeth.....	Dec. 19-Jan. 1.....	1	1	

PLAGUE.

China:				
Hongkong.....	Nov. 7-Nov. 20.....	2	2	
India:				
Bombay	Nov. 24-Nov. 30.....		70	
	Dec. 1-Dec. 21.....		336	

SMALLPOX.

Bohemia:				
Prague.....	Dec. 12-Dec. 25.....	24		
Brazil:				
Rio de Janeiro.....	Nov. 21-Dec. 4.....	10		
	Dec. 5-Dec. 11.....	3		
Canada:				
Montreal.....	Jan. 3-Jan. 12.....	3		
China:				
Hongkong.....	Nov. 7-Nov. 27.....	5	3	
Cuba:				
Cardenas.....	Dec. 19-Jan. 11.....		4	
Cienfuegos.....	Dec. 20-Jan. 2.....		7	
Habana.....	Dec. 17-Dec. 30.....		6	
Sagua la Grande.....	Dec. 19-Jan. 1.....	71	9	

Cholera, yellow fever, plague, smallpox, etc.—Continued.

SMALLPOX—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Gibraltar.....	Dec. 6-Dec. 12...	1	.....
India:				
Madras.....	Nov. 27-Dec. 3... Dec. 4-Dec. 10...	..... 1	..... 1	
Italy:				
Messina.....	Dec. 12-Jan. 1...	.....	4	
Netherlands:				
Amsterdam.....	Dec. 12-Dec. 24...	1	.....
Rotterdam.....	Dec. 12-Dec. 31...	3	1	
Russia:				
Moscow.....	Nov. 29-Dec. 4... Dec. 5-Dec. 11...	1 1	1 1	
Odessa.....	Dec. 5-Dec. 25...	43	8	
St. Petersburg.....	Dec. 4-Dec. 25...	25	13	
Scotland:				
Glasgow.....	Dec. 5-Dec. 25...	3	1	

Current quarantine measures.

[Translated in this Bureau from the "Veröffentlichungen des Kaiserlichen Gesundheitsamtes," Berlin, December 22, 1897.]

British East Indies.—By order of the Government in Bombay, dated November 20, vessels which arrive in the harbor of Aden from plague-infected ports shall be subject to a ten-days' quarantine dating from the day of departure from the infected port if they have a physician on board and if no case of plague has occurred during the voyage. Vessels having no physician, and on board of which plague cases have occurred, whether during the voyage or after the arrival at Aden, shall be subject to ten days' quarantine, reckoning from the date of the plague case.

The prohibition of the pilgrimage from the Indian ports is so far modified that pilgrims from the ports of Chittagong and Karachi, on the Bengal line, may repair to Mecca during the coming pilgrim season, provided the sanitary authorities at the said ports shall be satisfied that no risk of a conveyance of plague attaches to these pilgrims.

PLAGUE.

British East Indies.—In the city of Bombay, during the four weeks, from October 27 to November 23, there were in all 708, 669, 673, and 648 deaths, respectively, of which 44, 53, 47, and 66, respectively, were due to plague. In the Province of Bombay, during the four weeks, from October 23 to November 19, there were 1,564, 2,036, 1,766, and 2,116 deaths from plague reported. The localities most severely affected were the city of Poona, 1,563 deaths; Poona District, 545 deaths; Satara, 3,468 deaths; Scholapur, 479 deaths; Nasik, 149 deaths; Surat, 463 deaths; Palanpur, 106 deaths; district of Karachi, 31; Thoma, 42; Kolaba, 31; Janjira, 9; Rutuagiri, 2; Kolhapur, 3; Belgaum, 64; Ahmednagar, 92, and Barodo, 16.

BRAZIL.

Yellow fever in Bahia.

DECEMBER 27, 1897.

SIR: I have the honor of informing you that on this date 3 cases, 2 fatal, of yellow fever have been verified in this town.

I have the honor to be, sir, your obedient servant,

LOUIS G. MACKAY,

United States Vice-Consul.

Hon. SECRETARY OF THE TREASURY.

Yellow fever infected bark at Bahia.

DECEMBER 29, 1897.

SIR: The Norwegian bark *Adonis*, at present anchored in this port, had to-day to discharge 6 seamen suffering from yellow fever.

Your obedient servant,

LOUIS G. MACKAY,

United States Vice-Consul.

*Sanitary report from Rio.*RIO DE JANEIRO, *December 13, 1897.*

SIR: I have the honor to transmit report for the week ended December 11, 1897:

There were 15 deaths from *accessio pernicioso*, an increase of 8; 3 from beriberi, the same as in the foregoing week; 1 from enteric fever, a decrease of 1; 58 from tuberculosis, an increase of 13, and 320 from all causes, an increase of 61.

Even in winter the town and port are rarely as free from yellow fever as now, unless some of the large number of cases of *accessio pernicioso* rightly belong to the yellow fever number, which I strongly suspect. The increase in the total of deaths from all causes is not caused by any special disease or diseases, but I attribute the fact to the higher temperature.

Since last report the following-named ships have been inspected or received bills of health from this office: December 6, steamship *Leny*, British, for St. Lucia, West Indies. December 10, schooner *Nimbus*, American, for Barbados, West Indies; steamship *Lassell*, British, for New York; schooner *Eagle Wing*, American, for New York, and steamship *Baltislae*, British, for St. Lucia, West Indies.

Respectfully, yours,

R. CLEARY, M. D.,

Sanitary Inspector, U. S. M. H. S.

The SUPERVISING SURGEON-GENERAL,

U. S. Marine-Hospital Service.

CANADA.

Smallpox in Montreal.

MONTREAL, January 12, 1898.

The present status of smallpox in this Province is as follows:

Municipality.	County.	Population.	Date of outbreak.	New cases since last report.	Total cases since outbreak.	Died.	Recovered.	Still sick.	Houses infected since outbreak.	Houses still infected.
Montreal City.....		240,000	July 2	a 1	25	13	11	1	17	60
Westmount.....	Hochelaga.....	6,000	July 26	0	5	1	4	0	12	0
Ste. Cunégonde.....	.....do.....	8,000	Aug. 27	0	1	.....	1	0	1	0

^a From the last house reported to you as infected. The house was still under quarantine when this new case developed.

^b Except the isolation hospital.

Yours, respectfully,

ELZÉAR PELLETIER,

Secretary Board of Health of the Province of Quebec.

CUBA.

Smallpox and yellow fever in Cuban seaports.

January 11: The United States consul at Cardenas reports that during the week ended January 8, there were in that city no deaths from yellow fever and no deaths from smallpox.

January 14: The United States sanitary inspector at Habana reports that during the two weeks ended January 13 there were in that city 4 deaths from yellow fever and 12 deaths from smallpox.

January 6: The United States consular agent at Manzanillo reports that during the two weeks ended December 31 there were in that city 28 deaths from yellow fever and no deaths from smallpox.

January 14: The United States sanitary inspector at Habana reports that during the week ended January 13 there were in the city of Regla no deaths from yellow fever and no deaths from smallpox.

January 3: The United States consul at Sagua la Grande reports that during the week ended January 1, there were in that city 40 cases of smallpox and 5 deaths therefrom, and many cases of yellow fever, concerning which it is impossible to obtain correct statistics.

January 8: The United States sanitary inspector at Santiago de Cuba reports that during the week ended January 8 there was in that city 1 death from yellow fever and no death from smallpox.

Sanitary report of Habana and Regla.

HABANA, January 14, 1898.

SIR: I have the honor to submit the following report for the week ended Thursday, January 13, 1898, with mortality statistics of the city of Habana and town of Regla:

The weather is again warm, the temperature being about normal for

this season of the year. But 4 deaths from yellow fever have occurred, which is an increase of 1 over the preceding week. Three of these deaths occurred in the military hospitals. Deaths from smallpox have increased considerably over last week, and it would appear that the disease will show a steady increase for some weeks.

Deaths are occurring in the civil hospitals, that one known as the Quinta el Rey furnishing the greater number of deaths. There have been no deaths in the military hospitals for some time.

The hemorrhagic form seems to prevail to some extent; 7 deaths occurred from this form. Deaths from intestinal diseases show a decrease over several preceding weeks, but there is absolutely no reason known to me why the decrease should occur as the exciting condition remains.

The importation of cattle still continues, nearly all of them coming from Mexico and Texas.

They arrive here in fair condition, but as a matter of course a few arrive dead; they are buried near the bay and in close proximity to the city, and I have discovered that the carcasses have been disinterred, and the meat used by the poorer classes.

The harbor work, as may be observed from the abstract of bills of health, has been considerable. Some vessels requiring 2 and 3 inspections on account of the delay in leaving port after their masters have announced their days of departure. This occurs among sailing vessels which can not leave on account of adverse winds.

Cubans, traveling steerage, continue to go to Florida in large numbers. Careful examinations are made of their trunks to prevent their taking household effects, etc., not allowed by the regulations. * * *

Very respectfully,

W. F. BRUNNER,

Sanitary Inspector, U. S. M. H. S.

The SUPERVISING SURGEON-GENERAL,

U. S. Marine-Hospital Service.

Mortality of the city of Habana and town of Regla for the week ended Thursday, January 13, 1898.

	Habana.	Regla.	Total.
Yellow fever.....	4		4
Enteric fever.....	18	3	21
Pernicious fever.....	9		9
Malarial fever.....	8	8	16
Smallpox.....	12		12
Beriberi.....	2		2
Enteritis.....	57	20	77
Dysentery.....	39	22	61
Diarrhea.....	11	1	12
Caquexia paludica.....	24	3	27
Pneumonia.....	13	2	15
Tuberculosis.....	56	4	60
Meningitis.....	3		3
Starvation.....	8		8
Deaths from all causes.....	400	76	476
Deaths in military hospitals.....	79	60	139
Deaths from yellow fever in military hospitals.....	3	1	4
Annual ratio per 1,000.....			123.76

*Sanitary report of Santiago de Cuba.*SANTIAGO DE CUBA, *January 8, 1898.*

SIR: I have the honor to inform you that 106 deaths have been recorded for the week ended January 8. Of these, 1 from yellow fever, 4 from tuberculosis, 7 from enteritis, 9 from dysentery, 13 from remittent, 27 from pernicious, 6 from typhomalaria, the rest from noncontagious or infectious diseases.

The present year has begun badly for Santiago de Cuba, as her sanitary condition is at present worse than I have known it for many years. We are suffering from a terrible epidemic of malarial fevers, which carry the patients off in a few hours, the hemorrhagic and typhoid characters being frequently noted. Of course the weakened condition of the poor inhabitants makes them more liable to contract fevers.

Respectfully,

H. S. CAMINERO, M. D.,

Sanitary Inspector, U. S. M. H. S.

The SUPERVISING SURGEON-GENERAL,
U. S. Marine-Hospital Service.

SIAM.

*Sanitary condition of Siam.*BANGKOK, *December 1, 1897.*

SIR: Your communication of July 19 reached me on the eve of my starting on my first cruise as surgeon-major, H. S. M. S., and being cut off from all mail service during this cruise, I could not reply. Many kind thanks for the Marine-Hospital Service report. I note how much the Service has grown in the last few years, and the varied interests it now embraces. * * * I regret exceedingly that I am not able to give you any information in regard to sanitary matters in Siam, save the fact that such matters are not known in Siam. I have endeavored to persuade the Siamese Government to establish a sanitary bureau, and I may have something to write on this subject later, for I have succeeded in getting them to present the matter to His Majesty, and on His Majesty's return from Europe the 16th of this month I am in hopes that something will be done.

In regard to cholera, which is the only epidemic disease we have, I may state it is also endemic; it is with us always; but Siam has not had a real epidemic since 1885. Between the months of April and July it is always bad. This is the season that the waters in our rivers and canals are at their lowest, and the water from the sea backs up the fresh water, and it becomes brackish. The canals and rivers furnish all the drinking water for the natives. The Europeans store up rain water during our rainy season, which is from August to May, consequently there is very little cholera among the Europeans. After eleven years amidst cholera, I am fully persuaded that the germs enter the system only through the water or vomit. We never separate cholera patients. Our hospital employees never get it. I nursed 10 who were brought in at 7 p. m.; 5 died before 6 a. m. the following morning, and 2 later in the day. I take no precautions. The above patients, all Europeans from a Norwegian bark, drank river water against strict orders. You will not be astonished that we have cholera when I tell you that nine-tenths of all the privies are built on the banks of the canals, and the natives drink the water, bathe, and cook with it. There is no word

in the Siamese language that could in any degree convey to them the idea of sanitation.

Smallpox, we have a great deal of, during the months of November, December, and January, but we do not think much of it. You can walk along the streets any time during these months and see plenty of patients sitting alongside of the road picking their scabs off; or, if you like, just get into a boat and paddle up one of the canals, and you will see them in the suppurative stage bathing in the same water with other people. There is no isolation of smallpox patients. It never becomes epidemic, possibly because the houses are built so open the air passes through from all sides and seems to dilute, as it were, the virus.

Beriberi we have occasionally. About five years ago it broke out in one of our jails. The mortality was frightful. I attributed it to the poor food, and, as physician to the jail, I petitioned His Majesty to increase the appropriation for the food. He did so. I purchased better rice, etc., whitewashed, scrubbed, disinfected, and in a month it disappeared.

Yellow fever is unknown here; so are diphtheria, croup, and the bubonic plague.

It might interest you to know that at the time of my arrival, eleven years ago, we had no hospitals in Bangkok, and that I was largely concerned in establishing the present number, five, and an insane asylum. These hospitals are modeled and conducted like the United States Marine-Hospital Service hospitals. I had a full set of the United States Marine-Hospital blanks and had them all translated into Siamese. Our daily reports, bed cards, surgical reports, etc., etc., when I sign them, take me back to my hospital days. I also organized and opened a medical school eight years ago; spent my nights in translating my lectures, and delivered and explained them from 9 to 12 next day. The course of study extends over three years, and all the students, now numbering forty, have to live in the hospital. I have given up the college work, and passed it over to an American, Dr. Geo. McFarland, who was born out here, and is a graduate of the University of Pennsylvania. I was the king's physician for three years, but gave it up. Now I hold the posts of resident physician to the only European hospital in Siam; surgeon-major H. S. M. navy; physician to H. S. M. jails, and have a large, fine drug store. I will be glad to report to you any time about the sanitary rules, etc., etc.

Sincerely, yours,

T. HEYWARD HAYS.

The SUPERVISING SURGEON-GENERAL,

U. S. Marine-Hospital Service.

STATISTICAL REPORTS.

BAHAMAS—*Dunmore Town*.—Two weeks ended December 31, 1897. Estimated population, 1,472. No deaths.

Green Turtle Cay—Abaco.—Two weeks ended December 30, 1897. Estimated population, 3,900. No deaths.

BRAZIL—*Ceara*.—Month of November, 1897. Estimated population, 50,000. Total deaths, 108, including 1 from yellow fever.

BERMUDA.—Two weeks ended January 7, 1898. Estimated population, 15,013. Total deaths, 3. No deaths from contagious diseases.

CANADA—*Nova Scotia—Windsor*.—Six weeks ended December 31, 1897.

Estimated population, 2,000. Total deaths, 7, including 1 from diphtheria.

CUBA—*Manzanillo*.—Two weeks ended December 31, 1897. Estimated population, 20,000. Total deaths, 160, including yellow fever, 7, and enteric fever 2.

GREAT BRITAIN—*England and Wales*.—The deaths registered in 33 great towns in England and Wales during the week ended January 1 correspond to an annual rate of 24.9 a thousand of the aggregate population, which is estimated at 10,992,524. The highest rate was recorded in Norwich, viz, 37.4, and the lowest in Birkenhead, viz, 14.1.

London.—Two thousand three hundred and sixty deaths were registered during the week, including measles, 164; scarlet fever, 11; diphtheria, 53; whooping cough, 75; enteric fever, 14, and diarrhea and dysentery, 13. The deaths from all causes correspond to an annual rate of 27.6 a thousand. In greater London 3,046 deaths were registered, corresponding to an annual rate of 25.2 a thousand of the population. In the "outer ring" the deaths included 13 from diphtheria, 52 from measles, 6 from scarlet fever, and 8 from whooping cough.

Ireland.—The average annual death rate represented by the deaths registered during the week ended January 1 in the 23 principal town districts of Ireland was 28.2 a thousand of the population. The lowest rate was recorded in Clonmel, viz, 9.8, and the highest in Waterford, viz, 39.8 a thousand. In Dublin and suburbs 223 deaths were registered, including enteric fever, 5; scarlet fever, 1, diphtheria, 2; measles, 1, and whooping cough, 2.

Scotland.—The deaths registered in 8 principal towns during the week ended January 1 correspond to an annual rate of 24.1 a thousand of the population, which is estimated at 1,549,907. The lowest mortality was recorded in Leith, viz, 15.2, and the highest in Greenock, viz, 31.3 a thousand. The aggregate number of deaths registered from all causes was 717, including measles, 15; scarlet fever, 9; diphtheria, 3, and whooping cough, 27.

HONDURAS—*Belize*.—Two weeks ended January 7, 1898. Estimated population, 13,000. Total deaths, 22. No deaths from contagious diseases.

INDIA—*Singapore*.—Month of November, 1897. Estimated population, 97,111. Total deaths, 622; including cholera, 1; beriberi, 102, and phthisis pulmonalis, 75.

JAMAICA.—Two weeks ended January 1, 1898. Estimated population, 694,865. Total number of deaths not reported. Two deaths from yellow fever and 1 from enteric fever.

KINGSTON.—Month of December, 1897. Estimated population, 34,314. Total deaths, 192, including yellow fever, 9; enteric fever, 4; phthisis pulmonalis, 13.

MORTALITY TABLE, FOREIGN CITIES.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—							
				Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Meningitis.
Aix la Chapelle	Dec. 11.....	126,775	48								
Do.....	Dec. 25.....	126,775	34							1	
Amapala.....	Dec. 18.....	1,500	2					2			
Do.....	Dec. 25.....	1,500	1					1			
Amherstburg.....	Jan. 8.....	2,300	1								
Amsterdam.....	Jan. 1.....	502,269	159					3		1	3
Belleville.....	Jan. 10.....	10,399	4								
Birmingham.....	Jan. 1.....	506,772	246					4	3	3	13
Bluefields.....	do.....	3,000	3								
Bombay.....	Dec. 14.....	900,000	a 785	5							7
Do.....	Dec. 21.....	900,000	b 835	4							2
Bremen.....	Dec. 11.....	143,000	46							2	1
Do.....	Dec. 25.....	143,000	47					1			10
Bristol.....	Jan. 1.....	232,242	110							2	1
Brussels.....	Dec. 25.....	531,011	172					1	2	1	1
Calcutta.....	Dec. 4.....	681,560	552	14							
Do.....	Dec. 11.....	681,560	525	9							
Cardenas.....	Jan. 8.....	23,517	75					17			
Catania.....	Dec. 25.....	120,000	55							1	
Chemnitz.....	Dec. 11.....	165,000	72				2			4	
Do.....	Dec. 24.....	165,000	55							2	
Christiania.....	Jan. 2.....	192,141	41								1
Cienfuegos.....	do.....	24,030	74		1	4	3				
Cologne.....	Dec. 11.....	338,654	122							4	1
Colombo.....	do.....	130,000	108					1			
Copenhagen.....	Dec. 25.....	340,500	95					1	2	5	1
Corunna.....	Dec. 18.....	37,000	19					1			
Do.....	Dec. 25.....	37,000	26							2	
Do.....	Jan. 1.....	37,000	24					1			
Crefeld.....	do.....	106,121	7						5		
Dusseldorf.....	Dec. 11.....	189,780	61							1	
Flushing.....	Jan. 1.....	17,193	9								
Frankfort on the Main.....	do.....	243,000	99						1	2	5
Funchal.....	Dec. 25.....	35,660	27					1			
Gibraltar.....	do.....	25,900	15								
Girgenti.....	do.....	24,428	15								
Glasgow.....	do.....	714,919	284			1		3	6	2	8
Gothenburg.....	do.....	119,784	31							1	3
Halifax.....	Jan. 8.....	38,700	12								
Kingston, Canada.....	Jan. 14.....	19,000	6								
Leeds.....	Jan. 1.....	402,449	220					1	3		6
Licata.....	Dec. 25.....	20,000	17					2			13
Liege.....	do.....	166,110	53					1	1		
Livingston.....	Jan. 2.....	2,000	2								
London, England.....	Dec. 25.....	6,291,677	2,066					10	10	73	138
Madras.....	Dec. 10.....	452,518	322	5		1					
Magdeburg.....	Nov. 27.....	221,465	69							3	5
Matanzas.....	Jan. 5.....	50,000	238					7			
Mayence.....	Jan. 1.....	77,500	31							1	2
Messina.....	do.....	107,000	48			1		9			
Montevideo.....	Dec. 11.....	215,061	78								
Nuremberg.....	Dec. 4.....	180,141	77						5		
Do.....	Dec. 11.....	180,141	58						5	1	
Odessa.....	Dec. 25.....	383,000	145			1		1			5
Osaka and Hiogo.....	Dec. 18.....	162,730	101								
Palermo.....	Dec. 25.....	273,000	98							1	
Para.....	Jan. 1.....	150,000	41		9						
Paris.....	Dec. 25.....	2,571,955	945					5		5	7
Pernambuco.....	Nov. 6.....	200,000	93					1			
Do.....	Nov. 13.....	200,000	91					1			
Do.....	Nov. 20.....	200,000	89								
Do.....	Nov. 27.....	200,000	90								
Plymouth.....	Jan. 1.....	97,658	31								
Port au Prince.....	Dec. 20.....	60,000	19								
Do.....	Dec. 27.....	60,000	22								
Do.....	Jan. 3.....	60,000	23								
Prague.....	Dec. 25.....	195,919	110					2	3	2	
Rio de Janeiro.....	Dec. 11.....	679,000	320					1			
Rotterdam.....	Dec. 31.....	295,308	108					1	2		
Sagua la Grande.....	Jan. 1.....	17,536				5					
St. Georges, Bermuda.....	Dec. 25.....	2,150	1								
Do.....	Jan. 1.....	2,150	0								
Do.....	Jan. 8.....	2,150	0								

a Ninety-five deaths from plague.

b One hundred and fifty-eight deaths from plague.

MORTALITY TABLE, FOREIGN CITIES—Continued.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—								
				Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
St. Petersburg.....	Dec. 25.....	1,267,023	579	.....	.....	5	.....	24	20	24	4	3
St. Stephens.....	Jan. 8.....	3,000	0	.....	.....	.....	.....	.....	.....	.....	.....	.....
San Juan del Norte.....	Dec. 25.....	1,156	0	.....	.....	.....	.....	.....	.....	.....	.....	.....
Santos.....	Dec. 20.....	40,000	22	.....	.....	.....	.....	.....	.....	.....	.....	.....
Schiedam.....	Jan. 1.....	26,627	11	.....	.....	.....	.....	1	.....	.....	.....	.....
Southampton.....	.....do.....	98,002	44	.....	.....	.....	.....	.....	.....	.....	2	.....
Stettin.....	Dec. 25.....	150,000	64	.....	.....	.....	.....	.....	1	1	5	.....
Stockholm.....	.....do.....	275,000	.....	.....	.....	.....	.....	3	2	3	.....	.....
Stuttgart.....	Dec. 16.....	162,934	54	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Dec. 30.....	162,934	52	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tegucigalpa.....	Dec. 25.....	12,000	8	.....	.....	.....	.....	.....	.....	.....	.....	.....
Trapani.....	.....do.....	45,065	16	.....	.....	.....	.....	.....	.....	.....	.....	.....
Trieste.....	Dec. 11.....	158,314	92	.....	.....	.....	.....	4	5	4	.....	.....
Do.....	Dec. 25.....	158,314	80	.....	.....	.....	.....	.....	2	1	.....	.....
Tuxpan.....	Dec. 18.....	10,280	7	.....	.....	.....	.....	1	.....	.....	.....	.....
Do.....	Dec. 25.....	10,280	15	.....	.....	.....	.....	.....	.....	.....	.....	.....
Venice.....	Dec. 18.....	166,069	67	.....	.....	.....	.....	.....	.....	1	.....	.....
Vera Cruz.....	Jan. 6.....	30,000	31	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vienna.....	Nov. 27.....	1,574,129	563	.....	.....	.....	.....	2	4	15	.....	.....
Do.....	Dec. 11.....	1,574,129	626	.....	.....	.....	.....	3	2	18	.....	.....
Do.....	Dec. 18.....	1,574,129	547	.....	.....	.....	.....	1	3	8	.....	.....
Zurich.....	Dec. 11.....	158,968	60	.....	.....	.....	.....	.....	.....	4	1	1
Do.....	Dec. 25.....	158,968	39	.....	.....	.....	.....	.....	.....	2	1	1

By authority of the Secretary of the Treasury :

WALTER WYMAN,
Supervising Surgeon-General U. S. Marine-Hospital Service.